

Name: _____

Content Check

Read and answer the questions below.

1. Scientists can predict the relationship between two different organisms because organisms across different ecosystems can have _____ behaviors.

2. Why do you think it would be helpful for scientists to be able to predict the interactions between organisms?

3. How are each of the following interactions, that occur in different ecosystems, similar?
 - a) a type of worm takes over the brain of a fish, causing it to flip around frantically
 - b) a type of beetle larva allow themselves to get caught by frogs then eats the inside of the frog
 - c) a type of fungi controls ant bodies

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Teacher Key

1. Scientists can predict the relationship between two different organisms because organisms across different ecosystems can have similar behaviors.

2. Why do you think it would be helpful for scientists to be able to predict the interactions between organisms?

Student answers will greatly vary. Accept any reasonable answer. For example, “Scientists can use patterns of behavior to help endangered species breed.”

3. How are each of the following interactions, that occur in different ecosystems, similar?

a) a type of worm takes over the brain of a fish, causing it to flip around frantically

b) a type of beetle larva allow themselves to get caught by frogs then eats the inside of the frog

c) a type of fungi controls ant bodies

In each situation, the predator takes over the body of their prey